FILE 'HOME' ENTERED AT 11:59:04 ON 03 MAR 2009

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.22 0.22

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:59:16 ON 03 MAR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ${\tt ZIC/VINITI}$ data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 MAR 2009 HIGHEST RN 1114066-48-6 DICTIONARY FILE UPDATES: 1 MAR 2009 HIGHEST RN 1114066-48-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10577334generic3.str

chain nodes:
10 17 18
ring nodes:

1 2 3 4 5 6 7 8 9

ring/chain nodes : 11 chain bonds : 4-10 8-17 10-11 17-18 ring bonds : 1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 exact/norm bonds : $1-2 \quad 1-6 \quad 2-3 \quad 3-4 \quad 4-5 \quad 4-10 \quad 5-6 \quad 5-7 \quad 6-9 \quad 7-8 \quad 8-9 \quad 8-17 \quad 10-11 \quad 17-18$ G1:C, N G2:C,O,S,N G3:Cb, Hy, Ak, Ph G4:C,O,S,N Match level: 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:CLASS 17:Atom 18:Atom STRUCTURE UPLOADED => s 11 sss sam SAMPLE SEARCH INITIATED 11:59:36 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 783378 TO ITERATE 2000 ITERATIONS 0.3% PROCESSED 4 ANSWERS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01 FULL FILE PROJECTIONS: ONLINE **INCOMPLETE** BATCH **INCOMPLETE** PROJECTED ITERATIONS: 15618571 TO 15716549 PROJECTED ANSWERS: 28961 TO 33709 4 SEA SSS SAM L1 => d 1-4 ibib hitstr 'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY' 'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY' The following are valid formats: Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number) REG SAM - Index Name, MF, and structure - no RN - All substance data, except sequence data FIDE - FIDE, but only 50 names SQIDE - IDE, plus sequence data SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used SQD - Protein sequence data, includes RN

SQD3 - Same as SQD, but 3-letter amino acid codes are used SQN - Protein sequence name information, includes RN

EPROP - Table of experimental properties PPROP - Table of predicted properties PROP - EPROP, ETAG, PPROP and SPEC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract

APPS -- Application and Priority Information

BIB -- CA Accession Number, plus Bibliographic Data

CAN -- CA Accession Number

CBIB -- CA Accession Number, plus Bibliographic Data (compressed)

IND -- Index Data

IPC -- International Patent Classification

PATS -- PI, SO

STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels

IBIB -- BIB, indented, with text labels

ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)

OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields. HELP FORMATS -- To see detailed descriptions of the predefined formats. ENTER DISPLAY FORMAT (IDE):ide

- L2 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1045431-73-9 REGISTRY
- ED Entered STN: 01 Sep 2008
- CN 2-Pentanone, 1-[2-[4-amino-6,7,8,9-tetrahydro-2-(2-methoxyethyl)-1H-imidazo[4,5-c]quinolin-1-yl]ethoxy]- (CA INDEX NAME)
- MF C20 H30 N4 O3
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L2 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1045191-25-0 REGISTRY
- ED Entered STN: 31 Aug 2008
- CN Urea, N-[4-[4-amino-2-(2-methoxyethyl)-1H-imidazo[4,5-c][1,5]naphthyridin-1-yl]-3,3-dimethylbutyl]-N-methoxy-N'-methyl- (CA INDEX NAME)
- MF C21 H31 N7 O3
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1044101-81-6 REGISTRY
- ED Entered STN: 27 Aug 2008
- CN Urea, N-[3-[4-amino-2-(2-methoxyethyl)-1H-imidazo[4,5-c][1,5]naphthyridin-1-y1]propyl]-N'-4,7,10,13-nonadecatetraen-1-y1- (CA INDEX NAME)
- MF C35 H51 N7 O2
- SR CA
- LC STN Files: CA, CAPLUS

PAGE 1-A

PAGE 1-B

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1031831-25-0 REGISTRY

ED Entered STN: 30 Jun 2008

CN Imidazo[1,2-a]pyridine-2-acetamide, N-4-morpholinyl-5-[[(tricyclo[3.3.1.13,7]dec-1-ylmethyl)amino]carbonyl]- (CA INDEX NAME)

MF C25 H33 N5 O3

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

FULL SEARCH INITIATED 12:01:21 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 15666734 TO ITERATE

1.2%	PROCESSED	195669	ITERATIONS	4	ANSWERS
2.4%	PROCESSED	377475	ITERATIONS	10	ANSWERS
3.3%	PROCESSED	521913	ITERATIONS	14	ANSWERS
5.2%	PROCESSED	809290	ITERATIONS	85	ANSWERS
5.8%	PROCESSED	912670	ITERATIONS	218	ANSWERS
6.2%	PROCESSED	963607	ITERATIONS	218	ANSWERS
INCOMPI		(SYSTEM	ITERATIONS LIMIT EXCEEDED)		ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

PROJECTED ITERATIONS: 15666734 TO 15666734 PROJECTED ANSWERS: 3240 TO 3590

L3 218 SEA SSS FUL L1

=> d 200-218 ibib hitstr

'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

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IPC -- International Patent Classification

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PATS -- PI, SO
```

STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels

IBIB -- BIB, indented, with text labels

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OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations SIBIB ----- IBIB, no citations

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The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

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ENTER DISPLAY FORMAT (IDE):help

The following are valid formats:

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SAM - Index Name, MF, and structure - no RN FIDE - All substance data, except sequence data

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SQD - Protein sequence data, includes RN

SQD3 - Same as SQD, but 3-letter amino acid codes are used

SQN - Protein sequence name information, includes RN

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PPROP - Table of predicted properties
PROP - EPROP, ETAG, PPROP and SPEC

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APPS -- Application and Priority Information

BIB -- CA Accession Number, plus Bibliographic Data

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IPC -- International Patent Classification

PATS -- PI, SO

STD $\operatorname{\mathsf{--}}$ BIB, IPC, and NCL

IABS -- ABS, indented, with text labels

IBIB -- BIB, indented, with text labels

ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)

OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields. HELP FORMATS -- To see detailed descriptions of the predefined formats. ENTER DISPLAY FORMAT (IDE):ide

- L3 ANSWER 200 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1100459-80-0 REGISTRY
- ED Entered STN: 04 Feb 2009
- CN 1H-Imidazo[4,5-c][1,8]naphthyridin-4-amine, 2-butyl-1-(2-methylpropyl)-N-[(triphenylmethyl)phosphinidene]-, [N(E)]-(CA INDEX NAME)
- FS STEREOSEARCH
- MF C36 H36 N5 P
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 201 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1100343-45-0 REGISTRY
- ED Entered STN: 03 Feb 2009

INDEX NAME NOT YET ASSIGNED CN

MF C16 H16 N6 O S

SR Chemical Library Supplier: AsInEx

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANSWER 202 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN

1100343-44-9 REGISTRY RN

Entered STN: 03 Feb 2009 ED

INDEX NAME NOT YET ASSIGNED CN

C14 H11 F3 N6 O S MF

SR Chemical Library

Supplier: AsInEx

- L3 ANSWER 203 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- 1099858-37-3 REGISTRY RN
- ED Entered STN: 02 Feb 2009
- CN 1H-Pyrrole-3-carboxamide, 5-[(3-cyano-1-oxopropyl)amino]-1-methyl-N-[1methyl-4-[[(4-nitro-1H-indol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]- (CA INDEX NAME)
- C24 H22 N8 O5 MF
- COM CI
- SR CA

- L3 ANSWER 204 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099556-79-2 REGISTRY
- ED Entered STN: 02 Feb 2009
- CN 1H-Pyrrole-3-carboxamide, 5-[(3-cyano-1-oxopropyl)amino]-1-methyl-N-[1-methyl-4-[[(4-nitro-1H-indol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:1) (CA INDEX NAME)
- MF C24 H22 N8 O5 . C1 H
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- CRN (1099858-37-3)

● HCl

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 205 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099003-56-1 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N-methyl-N-2-propyn-1-yl- (CA INDEX NAME)
- MF C12 H7 C1 F N3 O S
- SR CA
- LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 206 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099003-55-0 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 2-Benzothiazolamine, N-butyl-4-chloro-6-fluoro-7-isocyanato-N-methyl- (CA INDEX NAME)
- MF C13 H13 Cl F N3 O S
- SR CA
- LC STN Files: CA, CAPLUS

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 207 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099003-54-9 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N-methyl-N-propyl-(CA INDEX NAME)
- MF C12 H11 C1 F N3 O S
- SR CA
- LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 208 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099003-52-7 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN Propanenitrile, 3-[(4-chloro-6-fluoro-7-isocyanato-2-benzothiazoly1)methylamino]- (CA INDEX NAME)
- MF C12 H8 C1 F N4 O S
- SR CA
- LC STN Files: CA, CAPLUS

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 209 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099003-51-6 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 2-Benzothiazolamine, 4-chloro-N-ethyl-6-fluoro-7-isocyanato-N-methyl- (CA INDEX NAME)
- MF C11 H9 C1 F N3 O S
- SR CA
- LC STN Files: CA, CAPLUS

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 210 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099003-50-5 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N,N-dimethyl- (CA INDEX NAME)
- MF C10 H7 C1 F N3 O S
- SR CA
- LC STN Files: CA, CAPLUS

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 211 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1098477-62-3 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN INDEX NAME NOT YET ASSIGNED
- MF C19 H26 N6 O3
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 212 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN L3

RN 1098259-92-7 REGISTRY

Entered STN: 01 Feb 2009 ED

INDEX NAME NOT YET ASSIGNED CN

C15 H10 F N5 O2 MF

SR CA

LC STN Files: CA, CAPLUS

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 213 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN L3

RN

1098259-91-6 REGISTRY Entered STN: 01 Feb 2009 ΕD

CN INDEX NAME NOT YET ASSIGNED

MF C16 H13 N5 O2

SR CA

LC STN Files: CA, CAPLUS

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 214 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1098259-90-5 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 1H-Benzimidazole-6-carboxylic acid,
- 2-[(7-nitro-1H-benzimidazol-2-yl)methyl]- (CA INDEX NAME)
- MF C16 H11 N5 O4
- SR CA
- LC STN Files: CA, CAPLUS

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 215 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1098259-89-2 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 1H-Benzimidazole-7-carboxylic acid,
- 2-[(7-nitro-1H-benzimidazol-2-yl)methyl]- (CA INDEX NAME)
- MF C16 H11 N5 O4
- SR CA
- LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 216 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1097777-72-4 REGISTRY

ED Entered STN: 30 Jan 2009

CN Benzoic acid, 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4-isoxazolyl]ethyl]-7-benzoxazolyl]amino]-, ethyl ester (CA INDEX NAME) OTHER NAMES:

CN Ethyl 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4-isoxazolyl]ethyl]-1,3-benzoxazol-7-yl]amino]benzoate

MF C30 H27 C12 N3 O4

SR CA

LC STN Files: CA, CAPLUS

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 217 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1097777-68-8 REGISTRY

ED Entered STN: 30 Jan 2009

CN Benzoic acid, 3-[[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4-isoxazolyl]ethyl]-7-benzoxazolyl]amino]- (CA INDEX NAME)

OTHER NAMES:

CN 3-[[2-[3-(2,6-Dichlorophenyl)-5-(1-methylethyl)-4-isoxazolyl]ethyl]-1,3-benzoxazol-7-yl]amino]benzoic acid

MF C28 H23 C12 N3 O4

SR CA

LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- ANSWER 218 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN L3
- RN
- 1097323-01-7 REGISTRY Entered STN: 29 Jan 2009 ED
- CN 1H-Indole-3-carboxaldehyde, 2-(2-hydroxyethyl)-5-methoxy-1-methyl-4-nitro-(CA INDEX NAME)
- C13 H14 N2 O5 MF
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file capl

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 237.09 236.87

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:04:36 ON 03 MAR 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 3 Mar 2009 VOL 150 ISS 10 FILE LAST UPDATED: 2 Mar 2009 (20090302/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13 L4 15 L3

=> d 1-15 ibib hitstr

L4 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:139286 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 150:168696

TITLE: Preparation , conformation, and crystal structure of

5'-substituted adenosine derivs. as inhibitors of

S-adenosylmethionine decarboxylase

INVENTOR(S): Secrist, John A., III; Ealick, Steve; Bale, Shridhar;

Pegg, Anthony E.; McCloskey, Diane E.; Guida, Wayne C.

PATENT ASSIGNEE(S): Southern Research Institute, USA; Cornell University;

Pennsylvania State University; R. Lee Moffitt Cancer

Center and Research Institute, Inc.

SOURCE: PCT Int. Appl., 83pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT	NO.			KIND		DATE		-	APPL	ICAT	ION 1		DATE			
WO 2009018541				 A1	_	2009	20090205				US71		20080801			
W:	ΑE,	AG,	AL,	ΑM,	AO,	ΑT,	ΑU,	AZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,
	CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
	FΙ,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,
	KG,	KM,	KN,	KP,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
	ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	ΝI,	NO,	NΖ,	OM,	PG,	PH,
	PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	ST,	SV,	SY,	ТJ,
	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW		
RW	: AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FΙ,	FR,	GB,	GR,	HR,	HU,
	IE,	IS,	ΙΤ,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	G₩,	ML,	MR,	ΝE,	SN,	TD,
	ΤG,	BW,	GH,	GM,	KΕ,	LS,	MW,	MZ,	NΑ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,

AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2007-953621P P 20070802

IT 1106913-85-2P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation, conformation, and crystal structure of 5'-substituted adenosine derivs. as inhibitors of S-adenosylmethionine decarboxylase)

RN 1106913-85-2 CAPLUS

CN Adenosine, 5'-[[4-(aminooxy)butyl]methylamino]-5'-deoxy-8-ethyl-, sulfate (10:19) (CA INDEX NAME)

CM 1

CRN 1106913-84-1 CMF C17 H29 N7 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

IT 1106913-60-3P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation, conformation, and crystal structure of 5'-substituted adenosine derivs. as inhibitors of S-adenosylmethionine decarboxylase) 1106913-60-3 CAPLUS

RN 1106913-60-3 CAPLUS CN Adenosine, 5'-deoxy-5'-[[4-

Adenosine, 5'-deoxy-5'-[[4-[[(1-ethoxyethylidene)amino]oxy]butyl]methylamino]-8-(methylamino)- (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry unknown.

IT 1106913-57-8P 1106913-58-9P 1106913-73-8P 1106914-04-8P 1106914-21-9P 1106914-23-1P 1106914-44-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation, conformation, and crystal structure of 5'-substituted adenosine derivs. as inhibitors of S-adenosylmethionine decarboxylase) 1106913-57-8 CAPLUS

CN Adenosine, 5'-[[2-(aminooxy)ethyl]methylamino]-5'-deoxy-8-(methylamino)-, sulfate (10:21) (CA INDEX NAME)

CM 1

RN

CRN 1106913-56-7 CMF C14 H24 N8 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN 1106913-58-9 CAPLUS

CN Adenosine, 5'-[[2-(aminooxy)ethyl]methylamino]-5'-deoxy-8-(methylamino)-, sulfate (1:2) (CA INDEX NAME)

CM 1

CRN 1106913-56-7 CMF C14 H24 N8 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN 1106913-73-8 CAPLUS

CN Adenosine, 5'-[[4-(aminooxy)butyl]methylamino]-5'-deoxy-8-(methylamino)-, sulfate (5:2) (CA INDEX NAME)

CM 1

CRN 1106913-72-7 CMF C16 H28 N8 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN 1106914-04-8 CAPLUS

CN Adenosine, 5'-[(3-amino-3-oxopropyl)methylamino]-5'-deoxy-8-ethyl-, sulfate (10:11) (CA INDEX NAME)

CM 1

CRN 1106914-03-7 CMF C16 H25 N7 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN 1106914-21-9 CAPLUS

CN Adenosine, 5'-[(3-aminopropyl)methylamino]-5'-deoxy-8-(methylamino)-, sulfate (5:12) (CA INDEX NAME)

CM 1

CRN 1106914-20-8 CMF C15 H26 N8 O3

Absolute stereochemistry.

CM2

7664-93-9 CRN CMF H2 O4 S

RN1106914-23-1 CAPLUS

CNAdenosine, 5'-deoxy-8-(methylamino)-5'-[[3-(methylamino)propyl]amino]-, sulfate (5:12) (CA INDEX NAME)

CM1

CRN 1106914-22-0

CMF C15 H26 N8 O3

Absolute stereochemistry.

СМ 2

CRN 7664-93-9

CMF H2 O4 S

RN 1106914-44-6 CAPLUS

CN Adenosine, 5'-[(3-aminopropyl)methylamino]-5'-deoxy-8-ethyl-, sulfate (2:5) (CA INDEX NAME)

CM 1

CRN 1106914-43-5 CMF C16 H27 N7 O3

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN

IT 1106913-18-1

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation, conformation, and crystal structure of 5'-substituted
adenosine derivs. as inhibitors of S-adenosylmethionine decarboxylase)
1106913-18-1 CAPLUS

CN Adenosine, 5'-deoxy-8-ethyl-5'-(methylamino)-2',3'-0-(1-methylethylidene)- (CA INDEX NAME)

Absolute stereochemistry.

IT 1106913-34-1P 1106913-40-9P 1106913-42-1P 1106913-48-7P 1106913-68-1P 1106913-97-6P 1106914-33-3P 1106914-38-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation, conformation, and crystal structure of 5'-substituted adenosine derivs. as inhibitors of S-adenosylmethionine decarboxylase)

RN 1106913-34-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

RN 1106913-40-9 CAPLUS

CN Adenosine, 5'-deoxy-8-ethyl-5'-(methylamino)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1106913-42-1 CAPLUS

CN Adenosine, 5'-deoxy-5', 8-bis(methylamino) - (CA INDEX NAME)

Absolute stereochemistry.

RN 1106913-48-7 CAPLUS

CN Adenosine, 5'-deoxy-5'-[[2-[[(1-ethoxyethylidene)amino]oxy]ethyl]methylamino]-8-(methylamino)- (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry unknown.

RN 1106913-68-1 CAPLUS

CN Adenosine, 5'-deoxy-5'-[[4-[[(1-ethoxyethylidene)amino]oxy]butyl]methylamino]-8-ethyl-2',3'-O-(1-methylethylidene)- (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry unknown.

RN 1106913-97-6 CAPLUS

CN Adenosine, 5'-deoxy-5'-[(3-ethoxy-3-oxopropyl)methylamino]-8-ethyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 1106914-33-3 CAPLUS

CN Adenosine, 5'-deoxy-5'-[[3-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)propyl]methylamino]-8-ethyl-2',3'-O-(1-methylethylidene)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1106914-38-8 CAPLUS

CN Adenosine, 5'-[(3-aminopropyl)methylamino]-5'-deoxy-8-ethyl-2',3'-0-(1-methylethylidene)- (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 2 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:55614 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 150:144476

TITLE: Preparation of 1H-imidazole-4-carboxamide derivatives

as Hsp90 inhibitors

Martinell Pedemonte, Marc; Navarro Munoz, Isabel; INVENTOR(S):

Soler Lopez, Montserrat; Mormeneo Julian, David; Rosol, Malgorzata; Llebaria Soldevila, Amadeo; Aymami

Bofarull, Juan

PATENT ASSIGNEE(S): Crystax Pharmaceuticals, S.L., Spain

SOURCE: PCT Int. Appl., 124pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA	PATENT NO. WO 2009007399					KIND DATE				APPL	ICAT	DATE					
WO						_	20090115		WO 2008-EP58924						20080709		
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		CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FΙ,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,
		KG,	ΚM,	KN,	KP,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ΜE,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NΙ,	NO,	NΖ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	ST,	SV,	SY,	ТJ,
		TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW		
	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,
		IE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	ΝE,	SN,	TD,
		TG,	BW,	GH,	GM,	ΚE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,
		AM,	AZ,	BY,	KG,	KΖ,	MD,	RU,	ΤJ,	TM							
PRIORITY APPLN. INFO.:									EP 2007-112388						A 20070712		
OTHER SOURCE(S):						MARPAT 150:144476											

ΙT 1103523-00-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(4,4-Difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3propionylethylenediamine; preparation of imidazole-4-carboxamide derivs. as Hsp90 inhibitors)

RN 1103523-00-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

PAGE 1-A

$$\begin{array}{c} \text{Me} \\ \\ \text{N} \\ \text{3+} \\ \text{N} \\ \\ \text{-F} \end{array}$$

● HCl

PAGE 1-B

IT **1102466-57-8**, [8-[(6-Iodobenzodioxol-5-yl)methyl]-9H-purin-6-yl]amine

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of imidazole-4-carboxamide derivs. as Hsp90 inhibitors)

RN 1102466-57-8 CAPLUS

CN 9H-Purin-6-amine, 8-[(6-iodo-1,3-benzodioxol-5-yl)methyl]- (CA INDEX NAME)

1102466-18-1P, 2-[5-[6-Amino-8-[(6-iodobenzodioxol-5yl)sulfanyl]purin-9-yl]pentyl]isoindole-1,3-dione 1102466-23-8P, [9-Butyl-8-[(6-iodobenzodioxol-5-yl)sulfanyl]-9H-purin-6-yl]amine 1102466-27-2P, 8-[(Benzo[d][1,3]dioxol-5-yl)thio]-9-butyl-9H-purin-6-amine 1102466-31-8P, 2-[5-[6-Amino-8-[(benzo[d][1,3]dioxol-5yl)thio]-9H-purin-9-yl]pentyl]isoindoline-1,3-dione 1102466-36-3P , 8-[[4-(Trifluoromethyl)phenyl]thio]-9H-purin-6-amine **1102466-38-5P**, 8-[[4-(Trifluoromethyl)phenyl]thio]-9-butyl-9Hpurin-6-amine 1102466-51-2P, 6-[6-Amino-8-[(6-iodobenzodioxol-5-yl)sulfanyl]purin-9-yl]hexanoic acid methyl ester 1102466-52-3P, 6-[6-Amino-8-[(6-iodobenzodioxol-5-yl)sulfanyl]purin-9-yl]hexanoic acid 1102466-53-4P, 2-[4-[6-Amino-8-[(6-iodobenzodioxol-5yl)sulfanyl]purin-9-yl]butyl]isoindole-1,3-dione 1102466-54-5P, [9-(4-Aminobuty1)-8-[(6-iodobenzodioxol-5-yl)sulfany1]-9H-purin-6-yl]amine 1102466-55-6P 1102466-58-9P, [3-[6-Amino-8-[(6-iodobenzodioxol-5-yl)methyl]purin-9yl]propyl](isopropyl)carbamic acid tert-butyl ester RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of imidazole-4-carboxamide derivs. as Hsp90 inhibitors) 1102466-18-1 CAPLUS RN INDEX NAME NOT YET ASSIGNED CN

RN 1102466-23-8 CAPLUS
CN 9H-Purin-6-amine, 9-butyl-8-[(6-iodo-1,3-benzodioxol-5-yl)thio]- (CA INDEX NAME)

RN 1102466-27-2 CAPLUS

CN 9H-Purin-6-amine, 8-(1,3-benzodioxol-5-ylthio)-9-butyl- (CA INDEX NAME)

RN 1102466-31-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1102466-36-3 CAPLUS

CN 9H-Purin-6-amine, 8-[[4-(trifluoromethyl)phenyl]thio]- (CA INDEX NAME)

RN 1102466-38-5 CAPLUS

CN 9H-Purin-6-amine, 9-butyl-8-[[4-(trifluoromethyl)phenyl]thio]- (CA INDEX NAME)

RN 1102466-51-2 CAPLUS

CN 9H-Purine-9-hexanoic acid, 6-amino-8-[(6-iodo-1,3-benzodioxol-5-yl)thio]-, methyl ester (CA INDEX NAME)

RN 1102466-52-3 CAPLUS

CN 9H-Purine-9-hexanoic acid, 6-amino-8-[(6-iodo-1,3-benzodioxol-5-yl)thio]-(CA INDEX NAME)

RN 1102466-53-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1102466-54-5 CAPLUS
CN 9H-Purine-9-butanamine, 6-amino-8-[(6-iodo-1,3-benzodioxol-5-yl)thio](CA INDEX NAME)

RN 1102466-55-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1102466-58-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:20122 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 150:121632

TITLE: Preparation of isoxazoles as farnesoid x receptor

agonists

INVENTOR(S): Akwabi-Ameyaw, Adwoa A.; Deaton, David Norman;

Mcfadyen, Robert Blount; Navas, Frank, III

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 299pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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PATENT NO.
                           KIND DATE
                                                 APPLICATION NO.
                                    -----
     _____
                            ____
                                                  _____
                                                                             _____
                                                 WO 2008-US66817
     WO 2009005998
                            A1 20090108
                                                                            20080613
          W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
              CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
              KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
               TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
          RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
               TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
               TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
               AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
PRIORITY APPLN. INFO.:
                                                   US 2007-947548P
                                                                        P 20070702
OTHER SOURCE(S):
                            MARPAT 150:121632
     1097777-68-8P, 3-[[2-[3-(2,6-Dichlorophenyl)-5-(1-methylethyl)-
     4-isoxazolyl]ethyl]-1,3-benzoxazol-7-yl]amino]benzoic acid
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
      (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
         (drug candidate; preparation of isoxazoles as farnesoid x receptor agonists)
RN
     1097777-68-8 CAPLUS
CN
     Benzoic acid, 3-[[2-[3-(2,6-dichloropheny1)-5-(1-methylethyl)-4-
     isoxazolyl]ethyl]-7-benzoxazolyl]amino]- (CA INDEX NAME)
```

IT 1097777-72-4P, Ethyl 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1methylethyl)-4-isoxazolyl]ethyl]-1,3-benzoxazol-7-yl]amino]benzoate
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(intermediate; preparation of isoxazoles as farnesoid x receptor agonists)

RN 1097777-72-4 CAPLUS

CN Benzoic acid, 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4-isoxazolyl]ethyl]-7-benzoxazolyl]amino]-, ethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} O & & & & & & \\ \hline & & & & & \\ NH & & & & & \\ N & & & & \\ C1 & & & \\ \end{array}$$

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:555495 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 137:109485

TITLE: Preparation of pyrrolopyrimidinylprolineamides and

analogs as adenosine receptor antagonists

INVENTOR(S): Castelhano, Arlindo L.; McKibben, Bryan; Witter, David

J.

PATENT ASSIGNEE(S): Osi Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 320 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

English LANGUAGE:

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PA:	PATENT NO.					KIND DATE				APE	PLICAT	DATE							
WO	2002057267			A1 20020725				WO	2001-		20011130								
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		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	ΕC	C, EE,	ES,	FI,	GB,	GD,	GE,	GH,		
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE	E, KG,	KP,	KR,	KZ,	LC,	LK,	LR,		
											J, MW,								
		RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	TJ	J, TM,	TR,	TT,	TZ,	UA,	UG,	UZ,		
		VN,	YU,	ZA,	ZM,	ZW	•	·				·	·	·	•	•	•		
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ	Z, TZ,	UG,	ZM,	ZW,	ΑT,	BE,	CH,		
											E, IT,								
), GW,								
US	2002	0058	667		A1						2000-					0001			
US	6680	322			В2		2004												
US	US 20020094974				A1		2002	0718		US	2000-	-7286	16	20001201					
US	US 6680322 US 20020094974 US 7160890				В2		2007	0109											
US	US 20030036545				A1		2003	0220		US	2000-	-7286	07	20001201					
US	6664	252			В2		2003	1216											
CA	2430	577			A1		2002	0725		CA	2001-	-2430	577		2	0011	130		
AU	CA 2430577 AU 2002248151 AU 2002248151				A1		2002	0730	AU 2002-248151						20011130				
AU	2002	2481	51		В2		2008	0221											
EP	1347				A1		2003	1001		ΕP	2001-	-9970	29		2	0011	130		
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GF	R, IT,	LI,	LU,	NL,	SE,	MC,	PT,		
		ΙE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	ΑI	J, TR								
BR	2001	0158	47		Α		2004	0225		BR	2001-	-1584	7		2	0011	130		
JP	2004	5178	96		T		2004	0617		JΡ	2002-	-5579	44		2	0011	130		
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NZ	5258	85			A		2005	0128		NZ	2001-	-5258	85		2	0011	130		
AP	1893				А		2008	1031		ΑP	2003-	-2807			2	0011	130		
IN	2003	DN00	802		A A A		2007	0112		ΙN	2003-	-DN80	2		2	0030	522		
MX	2003	0047	17		А		2004	0630		MX	2003-	-4717			2	0030	528		
ИО	2003	0024	82		Α		2003	0728		ИО	2003-	-2482			2	0030	602		
PRIORITY	Y APP	LN.								US	1999-	-1690	37P		P 1	9991	202		
											2000-				A 2	0001	201		
										US	2000-	-7286	16		A 2	0001	201		
										TTC	2000	7206	0.7			0001			
										US	1999-	-1688	03P		P 1	9991	202		
										US	1999-	-1690	36P			9991			
										WO	2001-	-US45	280		W 2	0011	130		
OTHER SO	DURCE	(S):			MARPAT 137:1094				85										

OTHER SOURCE(S): MARPAT 137:109485

1106056-75-0 1106056-76-1 ΙT

RL: PRPH (Prophetic)

(Preparation of pyrrolopyrimidinylprolineamides and analogs as adenosine receptor antagonists)

RN

1106056-75-0 CAPLUS Cyclohexanol, 4-[[6-(4-morpholinylmethyl)-2-phenyl-7H-pyrrolo[2,3-CN d]pyrimidin-4-yl]amino]-, cis- (CA INDEX NAME)

Relative stereochemistry.

RN 1106056-76-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:507701 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 135:107350

TITLE: Synthesis of purine derivatives and uses thereof (e.g.

cyclin-dependent protein kinase inhibitors)

INVENTOR(S): Havlicek, Libor; Krystof, Vladimir; Siglerova, Vera;

Lenobel, Rene; Van Onckelen, Henri; Berneman, Zwi Nisan; Slegers, Herman; Esmans, Edgard; Strnad,

Miroslav; Vermeulen, Katrien

PATENT ASSIGNEE(S): Universitaire Instelling Antwerpen, Belg.; Ustav

Experimentalni Botaniky Akademie Ved Ceske Republiky

SOURCE: PCT Int. Appl., 120 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	TENT	NO.			KIN	D	DATE			APPL	ICAT	ION I	NO.		D	ATE	
						_									_		
WO							2001	0712		WO 2	001-	EP15	0		2	0010	108
	W:	ΑE,	AG,	AL,	AM,	ΑT,	ΑU,	AZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,
		CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FΙ,	GB,	GD,	GE,	GH,	GM,	HR,
		HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KP,	KR,	KΖ,	LC,	LK,	LR,	LS,	LT,
		LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	PL,	PT,	RO,	RU,

SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG CA 2396276 Α1 20010712 CA 2001-2396276 20010108 AU 2001035401 Α 20010716 AU 2001-35401 20010108 20021002 EP 2001-907418 EP 1244668 Α1 20010108 EP 1244668 В1 20060405 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR JP 2003519232 Τ 20030617 JP 2001-550228 20010108 AT 322494 Τ 20060415 AT 2001-907418 20010108 NO 2002003247 Α 20020909 NO 2002-3247 20020704 US 20030187261 20031002 US 2002-169592 A 1 20021219 PRIORITY APPLN. INFO.: EP 2000-200070 20000107 Α WO 2001-EP150 20010108 W

OTHER SOURCE(S): CASREACT 135:107350; MARPAT 135:107350

IT 1098477-62-3

RL: PRPH (Prophetic)

(Synthesis of purine derivatives and uses thereof (e.g.

cyclin-dependent protein kinase inhibitors))

RN 1098477-62-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:881128 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 134:42128

TITLE: Preparation of bisbenzimidazoles and related compounds

as inhibitors of cell death.

INVENTOR(S): Bitler, Catherine M.; Wood, Paul L.; Anstine, Duran

T.; Meyer-franke, Anke; Zhao, Qi; Khan, Mohamed A.

PATENT ASSIGNEE(S): Elan Pharma International Ltd., Ire.

SOURCE: PCT Int. Appl., 54 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2 PATENT INFORMATION:

		CENT 1						DATE			APP	LICAT	ION	NO.		D	ATE	
1											wo	2000-	US15	 181		2	0000	602
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			CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FΙ	, GB,	GD,	GE,	GH,	GM,	HR,	HU,
			ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KΡ,	KR	KZ,	LC,	LK,	LR,	LS,	LT,	LU,
			LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ	, NO,	NΖ,	PL,	PT,	RO,	RU,	SD,
			SE,	SG,	SI,	SK,	SL,	ТJ,	TM,	TR,	ΤТ	, TZ,	UA,	UG,	US,	UΖ,	VN,	YU,
			ZA,	ZW														
		RW:	GH,	GM,	KΕ,	LS,	MW,	MZ,	SD,	SL,	SZ	TZ,	UG,	ZW,	ΑT,	BE,	CH,	CY,
			DE,	DK,	ES,	FΙ,	FR,	GB,	GR,	ΙE,	ΙT	LU,	MC,	NL,	PT,	SE,	BF,	ВJ,
			CF,									NE,						
	US 6379882											1999-						
	CA 2375843 EP 1189889																	
											EP	2000-	9380	60		2	0000	602
	EΡ	1189																
		R:						ES,	FR,	GB,	GR	I, IT,	LI,	LU,	NL,	MC,	PT,	IE,
			,			FΙ,										_		
		2003										2001-					0000	
		2566										2000-					0000	
	US 20020102597					AI		2002	0801			2002-					0020	
PRIOR	ORITY APPLN. INFO.:											1998-					9980	
												1999-					9990	
												1999-					9990	
												1999-					9991	
												1999-						
											WO	2000-	0212	TRT		w 2	0000	602

OTHER SOURCE(S): MARPAT 134:42128

IT 1098259-89-2 1098259-90-5 1098259-91-6 1098259-92-7

RL: PRPH (Prophetic)

(Preparation of bisbenzimidazoles and related compounds as inhibitors of cell death.)

RN 1098259-89-2 CAPLUS

CN 1H-Benzimidazole-7-carboxylic acid,

2-[(7-nitro-1H-benzimidazol-2-yl)methyl]- (CA INDEX NAME)

RN 1098259-90-5 CAPLUS

CN 1H-Benzimidazole-6-carboxylic acid, 2-[(7-nitro-1H-benzimidazol-2-yl)methyl]- (CA INDEX NAME)

RN 1098259-92-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:589999 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 133:177185

TITLE: Preparation of 1-N-alkyl-N-arylpyrimidinamines as CRF

inhibitors

INVENTOR(S): Aldrich, Paul Edward; Arvanitis, Argyrios Georgios;

Bakthavatchalam, Rajagopal; Beck, James Peter; Cheeseman, Robert Scott; Chorvat, Robert John; Gilligan, Paul Joseph; Hodge, Carl Nicholas;

Wasserman, Zelda Rakowitz

PATENT ASSIGNEE(S): Dupont Pharmaceuticals Company, USA

SOURCE: U.S., 96 pp., Cont.-in-part of U.S. Ser. No. 315,660,

abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
				1000000
US 6107301	A	20000822	US 1997-906349	19970805
CA 2174080	A1	19950420	CA 1994-2174080	19941006
HU 74464	A2	19961230	HU 1996-932	19941006
CN 1142817	А	19970212	CN 1994-194465	19941006
ZA 9407921	A	19960411	ZA 1994-7921	19941011
US 6342503	B1	20020129	US 1998-4150	19980107

PRIORITY APPLN. INFO.: US 1993-134209 B2 19931012

US 1994-297274 B2 19940826

US 1994-315660 B2 19940929

OTHER SOURCE(S): MARPAT 133:177185

IT 1100643-99-9 1100644-00-5

RL: PRPH (Prophetic)

(Preparation of 1-N-alkyl-N-arylpyrimidinamines as CRF inhibitors)

RN 1100643-99-9 CAPLUS

CN 3H-Imidazo[4,5-b]pyridin-7-amine, 3-[2-bromo-4-(1-methylethyl)phenyl]-N-ethyl-2-methoxy-5-methyl-N-propyl- (CA INDEX NAME)

RN 1100644-00-5 CAPLUS

CN 3H-Imidazo[4,5-b]pyridin-7-amine, 3-[2-bromo-4-(1-methylethyl)phenyl]-2-methoxy-N,N-bis(2-methoxyethyl)-5-methyl- (CA INDEX NAME)

REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:513698 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 133:129894

TITLE: Substituted nitrogen heterocyclic derivatives and

pharmaceutical use thereof

INVENTOR(S): Hanus, Jan; Krystof, Vladimir; Hajduch, Marian;

Vesely, Jaroslav; Strnad, Miroslav

PATENT ASSIGNEE(S): Ustav Experimentalni Botaniky Av Cr, Czech Rep.;

Lachema, A. S.

SOURCE: PCT Int. Appl., 89 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

		CENT I																
		2000																
		W:	ΑE,	AL,	AM,	AT,	ΑU,	AZ,	BA,	BB,	BG,	BR,	BY,	CA,	CH,	CN,	CU,	CZ,
			DE,	DK,	EE,	ES,	FΙ,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,
			JP,	KΕ,	KG,	KP,	KR,	KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MK,
			MN,	MW,	MX,	NO,	NΖ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	TJ,
			TM,	TR,	TT,	UA,	UG,	US,	UΖ,	VN,	YU,	ZA,	ZW					
		RW:	GH,	GM,	ΚE,	LS,	MW,	SD,	SL,	SZ,	TZ,	UG,	ZW,	ΑT,	BE,	CH,	CY,	DE,
			DK,	ES,	FΙ,	FR,	GB,	GR,	ΙE,	ΙΤ,	LU,	MC,	NL,	PT,	SE,	BF,	ВJ,	CF,
			CG,	CI,	CM,	GΑ,	GN,	GW,	ML_{\prime}	MR,	ΝE,	SN,	TD,	ΤG				
	AU	2000	0227	61		Α		2000	0807		AU 2	000-	2276	1		2	0000	125
	EP	1147	108			A1		2001	1024		EP 2	000-	9014	78		2	0000	125
	EΡ	1147																
		R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	ΙT,	LI,	LU,	NL,	SE,	MC,	PT,
					LT,													
	ΑT	2471	15			T		2003	0815		AT 2	000-	9014	78		2	0000	125
		6552																
	US	2003 APP:	0191	086		A1		2003	1009		US 2	003-	3586	74		2	0030	205
PRIO	RIT	APP:	LN.	INFO	.:						CZ 1	999-	273			A 1	9990	126
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RN	ТТ(02076	- T T - ;	υ C.	APLU	5												

Absolute stereochemistry.

CN

INDEX NAME NOT YET ASSIGNED

RN 1102076-12-9 CAPLUS INDEX NAME NOT YET ASSIGNED CN

Absolute stereochemistry.

RN 1102076-15-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1102076-16-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1102076-17-4 CAPLUS CN 9H-Purine-2,6,8-triamine, N2,N8-bis(2-aminoethyl)-9-(1-methylethyl)-N6(phenylmethyl) - (CA INDEX NAME)

RN 1102076-18-5 CAPLUS

CN 9H-Purine-2,6,8-triamine, N2,N8-bis(3-aminopropyl)-9-(1-methylethyl)-N6-(phenylmethyl)- (CA INDEX NAME)

RN 1102076-19-6 CAPLUS

CN 9H-Purine-2,6,8-triamine, N2,N8-bis(aminomethyl)-9-(1-methylethyl)-N6-(phenylmethyl)- (CA INDEX NAME)

RN 1102076-20-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1102076-21-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1102076-22-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1102076-23-2 CAPLUS

CN 9H-Purine-2,6,8-triamine, N2,N8-bis(2-aminoethyl)-N6-(3-chlorophenyl)-9-(1-methylethyl)- (CA INDEX NAME)

RN 1102076-24-3 CAPLUS

CN 9H-Purine-2,6,8-triamine, N2,N8-bis(3-aminopropyl)-N6-(3-chlorophenyl)-9-(1-methylethyl)- (CA INDEX NAME)

RN 1102076-26-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

RN 1102076-27-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1102076-28-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1102076-33-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

RN 1102076-34-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:640856 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 131:272181

TITLE: Preparation of benzoheterocyclic distamycin

derivatives as antitumor agents

INVENTOR(S): Cozzi, Paolo; Baraldi, Pier Giovanni; Beria, Italo;

Caldarelli, Marina; Capolongo, Laura; Romagnoli, Romeo

PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A., Italy

SOURCE: PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	TENT	NO.			KINI		DATE				LICAT				D.	ATE	
WO	9950	266					1999	1007			: 1999-:				1	9990	317
	W:	ΑE,	AL,	AU,	BA,	BB,	BG,	BR,	CA,	CN,	CU,	CZ,	EE,	GD,	GE,	HR,	HU,
		ID,	IL,	IN,	IS,	JP,	KP,	KR,	LC,	LK,	LR,	LT,	LV,	MG,	MK,	MN,	MX,
		NO,	NZ,	PL,	RO,	SG,	SI,	SK,	SL,	TR	TT,	UA,	US,	UZ,	VN,	YU,	ZA,
		AM,	AZ,	BY,	KG,	KΖ,	MD,	RU,	IJ,	TM	,		•	,		,	
	RW:	GH,	GM,	KE,	LS,	MW,	SD,	SL,	SZ,	UG,	ZW,	ΑT,	BE,	CH,	CY,	DE,	DK,
		ES,	FΙ,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	NL,	PT,	SE,	BF,	ВJ,	CF,	CG,
	CI, CM, GA				GN,	GW,	ML,	MR,	NE,	SN,	TD,	TG					
AU	AU 9934155						1999	1018		AU 1	1999–	3415	5		1	9990	317
EP	1064	281			A1		2001	0103		EP 3	L999-	9156	65		1	9990	317
EP	1064	281			В1		2005	0525									
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
		ΙE,	SI,	LT,	LV,	FI,	RO										
JP	2002	5099.	30		Τ		2002	0402	1	JP 2	2000-	5411	70		1	9990	317
	2963	00			Τ		2005	0615		AT 1	1999-	9156	65		1	9990	317
PT	PT 1064281						2005	1031		PT 1	1999-	9156	65		1	9990	317
ES	ES 2244188						2005	1201		ES 1	1999-	9156	65		1	9990	317
US	US 6458768						2002	1001		US 2	2000-	6235	05		2	0000	919
PRIORIT	RIORITY APPLN. INFO.:								1	GB 1	1998-	6692			A 1	9980	327
									,	WO 1	1999-	EP18.	23	,	W 1	9990	317

OTHER SOURCE(S): MARPAT 131:272181

IT 1099556-79-2

RL: PRPH (Prophetic)

(Preparation of benzoheterocyclic distamycin derivatives as antitumor agents)

RN 1099556-79-2 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[(3-cyano-1-oxopropyl)amino]-1-methyl-N-[1-methyl-4-[[(4-nitro-1H-indol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:1) (CA INDEX NAME)

● HCl

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:388186 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 131:44819

TITLE: Imidazonaphthyridines and their use in inducing

cytokine biosynthesis

INVENTOR(S): Lingstrom, Kyle J.; Gerster, John F.

PATENT ASSIGNEE(S): Minnesota Mining and Manufacturing Company, USA

SOURCE: PCT Int. Appl., 172 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA.	TENT	NO.			KIN	D	DATE			APPL	ICAT	ION	NO.		D.	ATE	
WO	9929	 693			A1	_	1999	0617		 WO 1	998-	 US26	 473		1	9981	211
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		DK,	EE,	ES,	FΙ,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,
							LC,										
		MW,	MX,	NO,	NΖ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ΤJ,	TM,
		TR,	TT,	UA,	UG,	UZ,	VN,	YU,	ZW								
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							MR,										
	2311						1999										
	9919				A		1999	0628		AU 1	999-	1912	3		1	9981	211
	7538																_
	9814																
	1040						2000			EP 1	998-	9638	88		1	9981	211
EP	1040						2004										
	R:						ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
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	1154647		С	20040623		1998-813563		19981211	
ΑI	277046		T	20041015		1998-963888		19981211	
PΊ	1040112		T		PT	1998-963888		19981211	
EP	1512685		A1	20050309	EP	2004-22440		19981211	
EP	1512685		В1						
		. CH.				R, IT, LI, LU,	NI	SE. MC. PT.	
				FI, CY	02, 0.	,,,	112,	02, 110, 11,	
FD	1512686	,,	A1		FD	2004-22441		19981211	
	1512686		B1		101	2004 22441		17701211	
EF		011			an ai		NTT	OD MO DE	
					GB, GI	R, IT, LI, LU,	NL,	SE, MC, PI,	
		, шт,		FI, CY					
	2227902		Т3			1998-963888		19981211	
	333456		Τ	20060815		2004-22440		19981211	
ΑI	338757			20060915	AT	2004-22441		19981211	
IL	136556		А	20070308	ΙL	1998-136556		19981211	
PΙ	193915		В1	20070330	PL	1959-3411		19981211	
ES	2270249		Т3	20070401	ES	2004-22440		19981211	
ES	2273138		Т3	20070501	ES	2004-22441		19981211	
	285872		В6			2000-835		19981211	
	178091		A			1998-178091		19981211	
	178092		A			1998-178092		19981211	
	2312867		C2	20071031		2003-126259		19981211	
	2312007		C2			2003-126259		19981211	
	286304		В6			2007-5035			
	2000002663		А	20000811	NO	2000-2663		20000524	
	316687		В1						
	2000000363		A1		HR	2000-363		20000602	
HF	2000000363		В1	20050630					
MX	2000005684		А	20010219	MX	2000-5684		20000608	
US	6514985		В1	20030204	US	2000-706990		20001106	
US	20020173653		A1	20021121	US	2001-945196		20010831	
US	6518280		В2	20030211					
US	20020173654		A1	20021121	US	2001-945197		20010831	
	6624172		В2	20030923					
	20030083500		A1		US	2002-184304		20020627	
	6638944		B2		0.0	2002 101001		2002002,	
	20030096998		A1		IIC	2002-185387		20020627	
	6693113		B2		0.5	2002 105507		20020027	
	2002300982		A1		71.17	2002-300982		20020904	
					AU	2002-300962		20020904	
	2002300982		B2		7.17	0000 000004		00000004	
	2002300984		A1	20030220	AU	2002-300984		20020904	
	2002300984		В2	20041202					
	2002300985		A1	20030220	AU	2002-300985		20020904	
	2002300985		В2	20041202					
	20030212093		A1	20031113	US	2002-265956		20021007	
	6699878		В2	20040302					
US	20040006098		A1	20040108	US	2003-405321		20030402	
US	6747040		В2	20040608					
US	20040023932		A1	20040205	US	2003-406181		20030403	
	6797716		В2	20040928					
	20040204436		A1	20041014	US	2004-824232		20040414	
	6894165		B2	20050517					
	20050107421		A1	20050519	ZII	2004-4674		20041203	
	6949646		B2	20050917	0.5	2001 10/1		20011200	
	1070655		A1	20070413	עט	2005-103436		20050421	
	20050288320		A1	20070413		2005-103436		20050725	
					0.5	7007-100410		20030123	
	7038051		B2	20060502		2005 250200		20051212	
	2006083188		A	20060330	JP	2005-358302		20051212	
	4203067		B2	20081224		0006 05665		00000000	
	20060128674		A1	20060615	US	2006-276074		20060213	
US	7335773		В2	20080226					

US 20070167481	A1	20070719	US	2007-692701		20070328
JP 2007262093	A	20071011	JP	2007-181872		20070711
US 20080091010	A1	20080417	US	2007-999602		20071206
JP 2008115190	A	20080522	JP	2007-335120		20071226
PRIORITY APPLN. INFO.:			US	1997-69276P	P	19971211
			AU	1999-19123	A3	19981211
			EP	1998-963888	A3	19981211
			IL	1998-136556	А3	19981211
			JP	2000-524286	A3	19981211
			RU	2000-114496	А3	19981211
			US	1998-210114	А3	19981211
			WO	1998-US26473	W	19981211
			US	2000-706990	A1	20001106
			US	2002-265956	A1	20021007
			US	2003-406181	A3	20030403
			US	2004-824232	A3	20040414
			US	2004-4674	A3	20041203
			US	2005-188418	А3	20050725
			JP	2005-358302	А3	20051212
			US	2006-276074	A1	20060213

OTHER SOURCE(S): MARPAT 131:44819

IT 1100459-80-0

RL: PRPH (Prophetic)

(Imidazonaphthyridines and their use in inducing cytokine biosynthesis)

RN 1100459-80-0 CAPLUS

CN 1H-Imidazo[4,5-c][1,8]naphthyridin-4-amine,

2-butyl-1-(2-methylpropyl)-N-[(triphenylmethyl)phosphinidene]-, [N(E)]-(CA INDEX NAME)

Double bond geometry as shown.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:354488 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 131:19005

TITLE: Preparation of amidinobenzimidazolylheterocycles as

anticoagulants.

INVENTOR(S): Fatheree, Paul R.; Jenkins, Thomas E.; Li, Yong;

Linsell, Martin S.; Rai, Roopa; Shrader, William D.;

Trapp, Sean G.; Young, Wendy B.

PATENT ASSIGNEE(S): Axys Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 105 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	ENT 1	NO.			KIN:	D	DATE			APPL	ICAT	ION 1	NO.		D)	ATE	
WO	9926	 932			A1	_	1999	0603	,	WO 1	 998-1	US25.	 216		1	 9981	125
	W:	AL,	AM,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BR,	BY,	CA,	CH,	CN,	CU,	CZ,	DE,
		DK,	EE,	ES,	FΙ,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	IL,	IS,	JP,	ΚE,
		KG,	KP,	KR,	KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MK,	MN,	MW,
		MX,	NO,	NZ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ТJ,	TM,	TR,
		TT,	UA,	UG,	UZ,	VN,	YU,	ZW									
	RW:	GH,	GM,	ΚE,	LS,	MW,	SD,	SZ,	UG,	ZW,	ΑT,	BE,	CH,	CY,	DE,	DK,	ES,
		FΙ,	FR,	GB,	GR,	ΙE,	ΙΤ,	LU,	MC,	NL,	PT,	SE,	BF,	ВJ,	CF,	CG,	CI,
		CM,	GΑ,	GN,	GW,	ML,	MR,	ΝE,	SN,	TD,	ΤG						
AU	A		1999	0615		AU 1	999-	1607	1		1	9981	125				
PRIORITY APPLN. INFO.:										US 1	997-	7265	4		P 1	9971	126
									•	WO 1	998 - 1	US25.	216	•	W 19	9981	125

OTHER SOURCE(S): MARPAT 131:19005

IT 1101273-88-4 1101274-94-5 1101274-95-6

RL: PRPH (Prophetic)

(Preparation of amidinobenzimidazolylheterocycles as anticoagulants.)

RN 1101273-88-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101274-94-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1998:608618 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 129:230735

ORIGINAL REFERENCE NO.: 129:46954h, 46955a

TITLE: Preparation of cycloimido-substituted benzofused

heterocyclic herbicides

INVENTOR(S): Crawford, Scott D.; Maravetz, Lester L.; Theodoridis,

George; Dugan, Benjamin

PATENT ASSIGNEE(S): FMC Corp., USA

SOURCE: PCT Int. Appl., 69 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	ΓΕΝΤ	NO.			KIN:	D	DATE			APPL	ICAT	ION :	NO.		D.	ATE	
WO	9838	188			A1	_	1998	0903		WO 1	998-	US36	47		1	9980	225
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		KP,	KR,	KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MK,	MN,	MW,	MX,
		NO,	NΖ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ΤJ,	TM,	TR,	TT,
		UA,	UG,	UΖ,	VN,	YU,	ZW										
	RW:	GH,	GM,	KΕ,	LS,	MW,	SD,	SZ,	UG,	ZW,	ΑT,	BE,	CH,	DE,	DK,	ES,	FΙ,
		FR,	GB,	GR,	ΙE,	ΙT,	LU,	MC,	NL,	PT,	SE,	BF,	ΒJ,	CF,	CG,	CI,	CM,
		ML,	MR,	ΝE,	SN,	TD,	ΤG										
US	6077	812			Α		2000	0620		US 1	998-	2863	6		1	9980.	224
ZA	9801	580			Α		1998	0827		ZA 1	998-	1580			1	9980.	225
CA	2281	688			A1		1998	0903		CA 1	998-	2281	688		1	9980.	225
ΑU	9866	670			A		1998	0918		AU 1	998-	6667	0		1	9980.	225
AU	7346	66			В2		2001	0621									
EΡ	9682	07			A1		2000	0105		EP 1	998-	9087	8 0		1	9980.	225
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BR	9807	607			A		2000	0222		BR 1	998-	7607			1	9980.	225
TR	9902069				Т2		2000	0522		TR 1	999-	2069			1	9980.	225
HU	2000	0014	45		A2		2000	0828		HU 2	-000	1445			1	9980.	225
HU	2000		А3		2001	1228											
JP	2002	5210	01		T		2002	0709		JP 1	998-	5377	97		1	9980	225

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IN 1998DE00513
                       A
                               20070223
                                           IN 1998-DE513
                                                                   19980226
                        B1 20020305
     US 6352958
                                          US 2000-547609
                                                                   20000412
                                          CN 2001-139440
     CN 1413990
                        A
                               20030430
                                                                   20011123
                        С
                                20051005
     CN 1221537
                                            US 1997-39172P P 19970226
PRIORITY APPLN. INFO.:
                                            US 1998-28636 A 19980224
WO 1998-US3647 W 19980225
                        MARPAT 129:230735
OTHER SOURCE(S):
     1101491-71-7 1101491-72-8 1101491-76-2
     1101491-77-3 1101491-78-4 1101491-81-9
     1101491-82-0 1101491-83-1 1101491-87-5
     1101491-88-6 1101491-89-7 1101491-93-3
     1101491-96-6 1101494-65-8 1101494-66-9
     1101494-79-4 1101494-80-7 1101494-81-8
     1101494-83-0 1101494-85-2 1101494-88-5
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     1101494-94-3 1101494-95-4 1101494-98-7
     1101494-99-8 1101495-00-4 1101495-02-6
     1101495-04-8 1101495-30-0 1101495-32-2
     1101495-33-3 1101495-34-4 1101495-35-5
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     1101495-68-4 1101495-69-5 1101495-70-8
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     1101496-41-6 1101496-42-7 1101496-43-8
     1101496-44-9 1101496-45-0 1101496-46-1
     1101496-48-3 1101496-49-4
     RL: PRPH (Prophetic)
        (Preparation of cycloimido-substituted benzofused heterocyclic
        herbicides)
RN
     1101491-71-7 CAPLUS
     INDEX NAME NOT YET ASSIGNED
CN
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RN 1101491-72-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-1-(2,2-difluoroethyl)-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-76-2 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-77-3 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-(7-chloro-2-ethyl-5-fluoro-1H-indol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-78-4 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-81-9 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-(7-chloro-2-ethyl-5-fluoro-1H-indol-4-yl)-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-82-0 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-83-1 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-87-5 CAPLUS

CN 1H-[1,2,4]Triazolo[1,2-a]pyridazine-1,3(2H)-dione, 2-(7-chloro-2-ethyl-5-fluoro-1H-indol-4-yl)tetrahydro- (CA INDEX NAME)

RN 1101491-88-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101491-89-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101491-93-3 CAPLUS CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN 1101491-96-6 CAPLUS CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN 1101494-65-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101494-66-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101494-79-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-2-ethyl-5-fluoro-1-methyl-1H-benzimidazol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-80-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-methyl-2-(1-methylethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-81-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-methyl-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-methyl-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-85-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-1,2-diethyl-5-fluoro-1H-benzimidazol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-88-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-1-ethyl-5-fluoro-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-92-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101494-93-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[1-butyl-7-chloro-5-fluoro-2-(1-methylethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-95-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101494-98-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(methoxymethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

$$\operatorname{CF3}$$
 Me N O Et $\operatorname{CH_2-OMe}$

RN 1101494-99-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-(methoxymethyl)-2-(1-methylethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-00-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(methoxymethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-02-6 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-(methoxymethyl)-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

$$\begin{array}{c|c} \text{CF}_3 & \text{Me} \\ \text{N} & \text{O} \\ \text{F} & \text{N} & \text{CF}_2\text{--}\text{CF}_3 \\ \text{CH}_2\text{--}\text{OMe} \\ \end{array}$$

RN 1101495-04-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101495-30-0 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1,1,2,2,2-pentafluoroethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-32-2 CAPLUS CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-[(4-chlorophenyl)methyl]-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-33-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(phenylmethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-34-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(methylsulfonyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-35-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[2-[1-(acetyloxy)-1-methylethyl]-7-chloro-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-36-6 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(2-hydroxy-1,1-dimethylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-37-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(2-methoxy-1,1-dimethylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-38-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-2-ethyl-5-fluoro-1H-indol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-40-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-fluoroethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-41-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101495-42-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-2-ethyl-5-fluoro-1-methyl-1H-indol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-43-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-methyl-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-44-6 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-methyl-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-45-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-methyl-2-(1,1,2,2,2-pentafluoroethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-46-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-fluoroethyl)-1-methyl-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-47-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101495-48-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101495-50-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101495-52-6 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1(methylsulfonyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA
INDEX NAME)

RN 1101495-53-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(methylsulfonyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-54-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(methylsulfonyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-56-0 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-(methylsulfonyl)-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-58-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(2-propen-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-59-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(2-propen-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(2-propyn-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

CF3
Me

N

N

Bu-t

$$CH_2-C$$

CH

RN 1101495-62-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$CF_3$$
 Me
 O
 N
 O
 F
 N
 CF_2-CF_3
 CH_2-CH
 CH_2

RN 1101495-64-0 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(2-propyn-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

$$\operatorname{CF3}$$
 Me N O Et $\operatorname{CH_2-C}$ CH

RN 1101495-65-1 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(2-propyn-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-66-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

$$CF_3$$
 Me CF_2-CF_3 CH_2-C CH

RN 1101495-68-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101495-70-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101495-72-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$CF_3$$
 N
 O
 N
 O
 F
 N
 CF_2-CF_3
 O
 $CH_2-C-OMe$

RN 1101495-74-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(trifluoromethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-75-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1,1,2,2,2-pentafluoroethyl)-1-(trifluoromethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-76-4 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-(7-chloro-2-ethyl-5-fluoro-1H-benzimidazol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-78-6 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-79-7 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-82-2 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-5-fluoro-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-83-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-(7-chloro-2-ethyl-5-fluoro-1H-benzimidazol-4-yl)-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-84-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-benzimidazol-4-yl]-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-85-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-benzimidazol-4-yl]-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-88-8 CAPLUS

CN 1H-[1,2,4]Triazolo[1,2-a]pyridazine-1,3(2H)-dione, 2-(7-chloro-2-ethyl-5-fluoro-1H-benzimidazol-4-yl)tetrahydro- (CA INDEX NAME)

RN 1101495-89-9 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(2-propen-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-90-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(2-propen-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

CF3 Me N O Bu-t
$$CH_2-CH=CH_2$$

RN 1101495-94-6 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(2-propyn-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

$$CF3$$
 Me
 O
 N
 O
 Et
 CH_2-C
 CH

RN 1101495-95-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(2-propyn-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-96-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(2-propyn-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-99-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-00-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

1101496-01-8 CAPLUS

RN

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-05-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-1-(2,2-difluoroethyl)-2-ethyl-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-06-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-1-(2,2-difluoroethyl)-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-08-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-09-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-10-9 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-hydroxy-1-methylethyl)-1-methyl-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CINDEX NAME)

CF3 Me OH C-Me

C1

RN 1101496-11-0 CAPLUS

Me

CN 2,4(1H,3H)-Pyrimidinedione, 3-[2-[1-(acetyloxy)-1-methylethyl]-7-chloro-5-fluoro-1-methyl-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-12-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-13-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-1,2-diethyl-5-fluoro-1H-indol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-14-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-1-ethyl-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-15-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-1-ethyl-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-18-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-19-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[1-butyl-7-chloro-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-20-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-24-5 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(methoxymethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{CF3} \\ \text{N} \\ \text{O} \\ \text{N} \\ \text{O} \\ \text{Et} \\ \text{CH}_2-\text{OMe} \end{array}$$

RN 1101496-25-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-26-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(methoxymethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-28-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN

1101496-32-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-33-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-34-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-38-1 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(2-propen-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{CF3} & \text{Me} \\ \text{N} & \text{O} \\ \text{F} & \text{N} \\ \text{C1} & \text{CH}_2\text{--}\text{CH}\text{---}\text{CH}_2 \end{array}$$

RN 1101496-39-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-41-6 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-benzimidazol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN 1101496-42-7 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-benzimidazol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN 1101496-43-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-5-fluoro-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN 1101496-44-9 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-5-fluoro-2-propyl-1H-indol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-45-0 CAPLUS

RN 1101496-46-1 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-48-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(2-hydroxyethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-49-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-hydroxy-1-

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1998:568742 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 129:202857

ORIGINAL REFERENCE NO.: 129:41211a,41214a

TITLE: Drug targeting with bioreductive conjugates to areas

of hypoxic or ischemic tissue

INVENTOR(S): Blake, David; Naughton, Declan; Adams, Ged; Stratford,

Ian; Morris, Christopher; Jaffar, Mohammed; Naylor,

Matthew

PATENT ASSIGNEE(S): Theramark Limited, UK

SOURCE: PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA'	PATENT NO.				KINI		DATE		APPLICATION NO.									
WO	9835	701													1	9980:	213	
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		DK,	EE,	ES,	FΙ,	GB,	GE,	GH,	GM,	GW,	HU,	ID,	IL,	IS,	JP,	ΚE,	KG,	
		KP,	KR,	KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MK,	MN,	MW,	MX,	
		NO,	NΖ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ΤJ,	TM,	TR,	TT,	
		UA,	UG,	US,	UZ,	VN,	YU,	ZW										
	RW:	GH,	GM,	ΚE,	LS,	MW,	SD,	SZ,	UG,	ZW,	ΑT,	BE,	CH,	DE,	DK,	ES,	FΙ,	
		FR,	GB,	GR,	ΙE,	ΙT,	LU,	MC,	NL,	PT,	SE,	BF,	ΒJ,	CF,	CG,	CI,	CM,	
		GΑ,	GN,	ML,	MR,	ΝE,	SN,	TD,	ΤG									
CA	2280	874			A1		1998	0820	(CA 1	998-	2280	874		1	9980:	213	
AU	9862	228			Α		1998	0908		AU 1	998-	6222	8		1	9980:	213	
AU	7511	45			В2		2002	8080										
EP	9880	57			A1		2000	0329		EP 1	998-	9042	82		1	9980:	213	
EP	9880	57			В1		2003	0827										
		ΑT,																FΙ
JP	2001	5124	25		T		2001	0821		JP 1	998-	5333	18		1	9980:	213	
AT	2479	84			T		2003	0915		AT 1	998-	9042	82		1	9980:	213	
ES	2206	891			Т3		2004	0516		ES 1	998-	9042	82		1	9980:	213	
PRIORIT	RITY APPLN. INFO.:							(GB 1	997-	3002			A 1	9970:	211		
								GB 1997-12090				A 1	9970	610				
							WO 1998-GB461				1	W 19980213						

OTHER SOURCE(S): MARPAT 129:202857

IT 1097323-01-7

RL: PRPH (Prophetic)

(Drug targeting with bioreductive conjugates to areas of hypoxic or

ischemic tissue)

RN 1097323-01-7 CAPLUS

CN 1H-Indole-3-carboxaldehyde, 2-(2-hydroxyethyl)-5-methoxy-1-methyl-4-nitro-(CA INDEX NAME)

MeO CHO CH2-CH2-OH

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1998:543070 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 129:148990

ORIGINAL REFERENCE NO.: 129:30373a,30376a

TITLE: Preparation of substituted

2-(2,4(1H,3H)-pyrimidindion-3-yl)benzthiazoles as

herbicides, desiccants, and defoliants.

INVENTOR(S): Zagar, Cyrill; Heistracher, Elisabeth; Reinhard,

Robert; Hamprecht, Gerhard; Menges, Markus; Menke, Olaf; Schafer, Peter; Westphalen, Karl-Otto; Misslitz,

Ulf; Walter, Helmut

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; et al.

SOURCE: PCT Int. Appl., 40 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PAT	TENT	NO.			KIN)	DATE		AP	PLICA'	TION NO	٠.	D	ATE		
	WO	9833	796			A1	_	1998	0806	WO	1998	 -EP581		 1	9980.	204	
		W:	CA,	JP,	US												
		RW:	ΑT,	BE,	CH,	DE,	DK,	, ES,	FΙ,	FR, G	B, GR	, IE, I	T, LU,	MC,	NL,	PT,	SE
	CN	1194	645			Α		1998	0930	CN	1996	-196607		1	9960	826	
	CA	2279	644			A1		1998	0806	CA	1998	-227964	4	1	9980	204	
	EP	9582	95			A1		1999	1124	EP	1998	-906910		1	9980	204	
		R:	CH,	DE,	FR,	GB,	LΙ										
	JΡ	2001	5111	40		${f T}$		2001	0807	JP	1998	-532559		1	9980.	204	
PRIO	RIT:	APP	LN.	INFO	.:					DE	1997	-197041	34	A 1	9970.	204	
										WO	1998	-EP581		A 1	9980.	204	

OTHER SOURCE(S): MARPAT 129:148990

IT 1099003-50-5 1099003-51-6 1099003-52-7 1099003-54-9 1099003-55-0 1099003-56-1

RL: PRPH (Prophetic)

(Preparation of substituted 2-(2,4(1H,3H)-pyrimidindion-3-yl) benzthiazoles as herbicides, desiccants, and defoliants.)

RN 1099003-50-5 CAPLUS

RN 1099003-51-6 CAPLUS
CN 2-Benzothiazolamine, 4-chloro-N-ethyl-6-fluoro-7-isocyanato-N-methyl- (CA INDEX NAME)

RN 1099003-52-7 CAPLUS

CN Propanenitrile, 3-[(4-chloro-6-fluoro-7-isocyanato-2-benzothiazoly1)methylamino]- (CA INDEX NAME)

RN 1099003-54-9 CAPLUS

CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N-methyl-N-propyl-(CA INDEX NAME)

RN 1099003-55-0 CAPLUS

CN 2-Benzothiazolamine, N-butyl-4-chloro-6-fluoro-7-isocyanato-N-methyl- (CA INDEX NAME)

RN 1099003-56-1 CAPLUS

CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N-methyl-N-2-propyn-1-yl- (CA INDEX NAME)

$$\begin{array}{c|c} \operatorname{NCO} & \operatorname{Me} \\ & & \\ \operatorname{N-CH}_2-\operatorname{C} \end{array} \text{CH} \\ \\ \operatorname{C1} & \end{array}$$

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1998:341560 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 129:27932

ORIGINAL REFERENCE NO.: 129:5955a,5958a

TITLE: Preparation of benzoheterocyclic distamycin

derivatives and their use as antitumor and antiviral

agents

INVENTOR(S): Cozzi, Paolo; Baraldi, Pier Giovanni; Beria, Italo;

Caldarelli, Marina; Capolongo, Laura; Spalluto,

Giampiero; Romagnoli, Romeo

PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A., Italy

SOURCE: PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.					KIND DATE				APPLICATION NO.						DATE			
WO 9821202					 A1	_	19980522			 WO 1	 997-:	 EP59:	 86		19971023			
	W:		•	•		•	CZ, US,					•		•		•	NZ,	
	R₩:	•		•	•	•	•	•	•	•	•	•	•	•	•		PT,	SE
CA 2271299					A1		1998	0522		CA 1	997-	2271:	299		19	9971	023	

AU	98512	216			Α	19980603	AU	1998-51216		19971023
EP	93707	70			A1	19990825	EP	1997-945879		19971023
EP	93707	70			В1	20031203				
	R:	DE,	ES,	FR,	GB,	IT, SE				
JP	20015	50410)9		T	20010327	JP	1998-522100		19971023
ES	22121	L38			Т3	20040716	ES	1997-945879		19971023
ZA	97099	997			А	19980525	ZA	1997-9997		19971106
US	61536	542			A	20001128	US	1999-284958		19990504
PRIORIT	Y APPI	LN.	INFO	. :			GB	1996-23522	A	19961111
							WO	1997-EP5986	W	19971023

OTHER SOURCE(S): MARPAT 129:27932

1101630-04-9 1101630-05-0 1101630-06-1 1101630-07-2 1101630-08-3 1101630-09-4 1101630-10-7

RL: PRPH (Prophetic)

(Preparation of benzoheterocyclic distamycin derivatives and their use as antitumor and antiviral agents)

RN 1101630-04-9 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[(4-amino-4-imino-1-oxobutyl)amino]-1-methyl-N[1-methyl-4-[[(4-nitro-1H-indol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-,
hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 1101630-05-0 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[[[5-[(4-amino-4-imino-1-oxobutyl)amino]-1-methyl-1H-pyrrol-3-yl]carbonyl]amino]-1-methyl-N-[1-methyl-4-[[(4-nitro-1H-indol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

PAGE 1-B

RN 1101630-06-1 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[[[5-[(4-amino-4-imino-1-oxobutyl)amino]-1-methyl-1H-pyrrol-3-yl]carbonyl]amino]-1-methyl-N-[1-methyl-4-[[(1-methyl-4-nitro-1H-indol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

PAGE 1-B

$$\begin{array}{c} \text{Me} \\ \text{Me} \\ \text{NH-C-CH}_2\text{-C-NH}_2 \\ \\ \text{NH-CH}_2\text{-C-NH}_2 \\ \\ \text{NO}_2 \\ \end{array}$$

●2 HC1

RN 1101630-08-3 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[[[5-[(4-amino-4-imino-1-oxobutyl)amino]-1-methyl-1H-pyrrol-3-yl]carbonyl]amino]-1-methyl-N-[1-methyl-4-[[(7-nitro-1H-benzimidazol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

PAGE 1-B

RN 1101630-09-4 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[(4-amino-4-imino-1-oxobutyl)amino]-1-methyl-N[1-methyl-4-[[(7-nitro-1H-benzimidazol-2-yl)amino]carbonyl]-1H-pyrrol-2yl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 1101630-10-7 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[[[5-[(4-amino-4-imino-1-oxobutyl)amino]-1-methyl-1H-pyrrol-3-yl]carbonyl]amino]-1-methyl-N-[1-methyl-4-[[(1-methyl-4-nitro-1H-benzimidazol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

PAGE 1-B

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>
Connection closed by remote host

END

Unable to generate the STN prompt. Exiting the script...

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LOGINID: SSPTAALF1626

PASSWORD:

NEWS LOGIN

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                 Web Page for STN Seminar Schedule - N. America
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        NOV 21
                 CAS patent coverage to include exemplified prophetic
                 substances identified in English-, French-, German-,
                 and Japanese-language basic patents from 2004-present
NEWS
        NOV 26
                 MARPAT enhanced with FSORT command
NEWS
        NOV 26
                CHEMSAFE now available on STN Easy
NEWS
        NOV 26
                 Two new SET commands increase convenience of STN
                 searching
NEWS
        DEC 01
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NEWS
        DEC 12
                 GBFULL now offers single source for full-text
                 coverage of complete UK patent families
        DEC 17
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                 Fifty-one pharmaceutical ingredients added to PS
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NEWS
        JAN 06
                 The retention policy for unread STNmail messages
                 will change in 2009 for STN-Columbus and STN-Tokyo
                 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
NEWS 10
        JAN 07
                 Classification Data
NEWS 11
        FEB 02
                 Simultaneous left and right truncation (SLART) added
                 for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12
        FEB 02
                 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13
        FEB 06
                Patent sequence location (PSL) data added to USGENE
NEWS 14 FEB 10 COMPENDEX reloaded and enhanced
NEWS 15
        FEB 11
                 WTEXTILES reloaded and enhanced
NEWS 16 FEB 19
                 New patent-examiner citations in 300,000 CA/CAplus
                 patent records provide insights into related prior
                 art
NEWS 17
        FEB 19
                 Increase the precision of your patent queries -- use
                 terms from the IPC Thesaurus, Version 2009.01
                 Several formats for image display and print options
        FEB 23
NEWS 18
                 discontinued in USPATFULL and USPAT2
                MEDLINE now offers more precise author group fields
        FEB 23
NEWS 19
                 and 2009 MeSH terms
NEWS 20
        FEB 23
                 TOXCENTER updates mirror those of MEDLINE - more
                 precise author group fields and 2009 MeSH terms
NEWS 21
        FEB 23
                 Three million new patent records blast AEROSPACE into
                 STN patent clusters
NEWS 22
        FEB 25
                 USGENE enhanced with patent family and legal status
                 display data from INPADOCDB
NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
             AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
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FILE 'HOME' ENTERED AT 08:09:05 ON 05 MAR 2009

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FULL ESTIMATED COST
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0.22

FILE 'CAPLUS' ENTERED AT 08:09:30 ON 05 MAR 2009
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FILE COVERS 1907 - 5 Mar 2009 VOL 150 ISS 10 FILE LAST UPDATED: 4 Mar 2009 (20090304/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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E1
                6
                        GYORKI S/AU
E2
                2
                       GYORKI SUSANNE/AU
Е3
                0 --> GYORKOS A/AU
                    GYORKOS ALBERT/AU
E4
               22
E5
               10
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              6
                       GYORKOS ALBERT CHARLES/AU
Ε6
              5 GYORKOS ISTVAN/AU
3 GYORKOS J/AU
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1 GYORKOS JOHN WILLIAM/AU
Ε7
Ε8
E9
E10
E11
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5 CORRETTE CHRISTOPHER PETER/AU
1 CORRETTE S E/AU
2 CORRETTE S STEPHANIE E/AU
E4
E5
E6
E7
E8
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E10
E11
E12
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E3
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E10
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E12
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E14
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1 CHO S JUN/AU
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78 CHO S M/AU
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E26

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E4
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E2
E.3
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E.5
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Ε2
E3
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1 KORI MASAKO/AU
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3 KORI MASANOBU/AU
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E4
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E7
                 3
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Ε8
                8 GYOTEN TAKAAKI/AU
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E10
E11
E12
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                 17 "GYOTEN MICHIYO"/AU
L11
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769 (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR
L12
               L11)
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) releas? (factor or
hormone)))(3a) receptor)
MISSING OPERATOR OTROPHIN) RELEAS?
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) (release or releasing)
(factor or hormone)))(3a) receptor)
MISSING OPERATOR OTROPHIN) (RELEASE
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) (release or releasing) (factor
or hormone)))(3a) receptor)
MISSING OPERATOR COTROPHIN) (RELEASE
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) (release or releasing) (factor
or hormone))
MISSING OPERATOR COTROPHIN) (RELEASE
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) (A) (release or releasing)
(A) (factor or hormone))
UNMATCHED LEFT PARENTHESIS '(CRF'
The number of right parentheses in a query must be equal to the
number of left parentheses.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) (A) (release or releasing)
(A) (factor or hormone)))
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           198 CRFS
          9558 CRF
                 (CRF OR CRFS)
          4514 CRH
            12 CRHS
          4521 CRH
                 (CRH OR CRHS)
         20375 CORTICOTROPIN
          1920 CORTICOTROPINS
         21202 CORTICOTROPIN
                 (CORTICOTROPIN OR CORTICOTROPINS)
           604 CORTICOTROPHIN
             1 CORTICOTROPHINS
           605 CORTICOTROPHIN
                 (CORTICOTROPHIN OR CORTICOTROPHINS)
        546290 RELEASE
         27304 RELEASES
        562971 RELEASE
                 (RELEASE OR RELEASES)
        105947 RELEASING
             6 RELEASINGS
        105950 RELEASING
                 (RELEASING OR RELEASINGS)
       1192320 FACTOR
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=> s 11-111

1084229 FACTORS 1874932 FACTOR (FACTOR OR FACTORS) 313519 HORMONE 226551 HORMONES 428516 HORMONE (HORMONE OR HORMONES) 9991 (CORTICOTROPIN OR CORTICOTROPHIN) (A) (RELEASE OR RELEASING) (A) (FACTOR OR HORMONE) L13 15126 (CRF OR CRH OR ((CORTICOTROPIN OR CORTICOTROPHIN) (A) (RELEASE OR RELEASING) (A) (FACTOR OR HORMONE))) => 113 (3a) receptor L13 IS NOT A RECOGNIZED COMMAND The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>). => s 113 (3a) receptor 794159 RECEPTOR 731738 RECEPTORS 951037 RECEPTOR (RECEPTOR OR RECEPTORS) L14 3310 L13 (3A) RECEPTOR => s 112 and 114 5 L12 AND L14 => d 1-5 ibib L15 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2008:832827 CAPLUS <<LOGINID::20090305>> DOCUMENT NUMBER: 149:128827 TITLE: Benzimidazole derivatives as CRF receptor antagonists and their preparation, pharmaceutical compositions and use in the treatment of diseases INVENTOR(S): Aso, Kazuyoshi; Mochizuki, Michiyo; Kobayashi, Katsumi PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan PCT Int. Appl., 77pp. SOURCE: CODEN: PIXXD2 DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PATENT NO.					KIND		DATE			APPL	ICAT	ION I		DATE			
	WO 2008082003					_											
WO					A1		2008	0710		WO 2	007-	JP75	427		21	0071.	228
	W:	ΑE,	AG,	AL,	AM,	AO,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,
		CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FΙ,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,
		KG,	ΚM,	KN,	KΡ,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		${ m ME}$,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NΙ,	NO,	NΖ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ΤJ,	TM,
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	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,
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BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2006-877628P P 20061229

OTHER SOURCE(S): MARPAT 149:128827

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:530180 CAPLUS <<LOGINID::20090305>>

DOCUMENT NUMBER: 148:517721

TITLE: Preparation of benzimidazole derivatives as

CRF receptor antagonists

INVENTOR(S): Aso, Kazuyoshi; Mochizuki, Michiyo; Kojima, Takuto; Kobayashi, Katsumi; Pratt, Scott Alan

; Gyorkos, Albert Charles; Corrette, Christopher Peter; Cho, Suk Young

PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan

SOURCE: PCT Int. Appl., 216pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

F	PAI	ATENT NO.			KIND DATE				APPLICATION NO.					DATE 				
		2008				A2		20080502 20080612			WO 2	007-	US22	472		2	0071	024
V	NO	2008				A3												~ -
		W:	ΑĿ,	AG,	ΑL,	ΑM,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	ΒZ,	CA,
			CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,	FΙ,
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			KM,	KN,	KP,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,	ME,
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			TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW				
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			IS,	ΙΤ,	LT,	LU,	LV,	MC,	MT,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,
			ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	ΝE,	SN,	TD,	TG,	BW,
			GH,	GM,	ΚE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,
			BY,	KG,	KΖ,	MD,	RU,	ТJ,	TM,	ΑP,	EA,	EP,	OA					
PRIOR	ΙΤΥ	TY APPLN. INFO.:									US 2	006-	8540	62P		P 2	0061	025

OTHER SOURCE(S): MARPAT 148:517721

L15 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1147073 CAPLUS <<LOGINID::20090305>>

DOCUMENT NUMBER: 145:455015

TITLE: Preparation of fused heterocyclic compounds like

benzimidazoles as CRF receptor

antagonists

INVENTOR(S):
Gyorkos, Albert; Corrette,

Christopher; Cho, Suk; Pratt, Scott; Siedem, Christopher; Aso,

Kazuyoshi; Gyoten, Michiyo

PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan

SOURCE: PCT Int. Appl., 249pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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                                                _____
     WO 2006116412 A2 20061102
WO 2006116412 A3 20070628
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L15 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1154366 CAPLUS <<LOGINID::20090305>>
DOCUMENT NUMBER:
                           143:422361
TITLE:
                           Preparation of cyclic compounds as CRF
                           receptor antagonists
                           Gyorkos, Albert Charles; Corrette,
INVENTOR(S):
                           Christopher Peter; Cho, Suk Young;
                           Turner, Timothy Mark; Aso, Kazuyoshi
                            ; Kori, Masakuni; Gyoten, Michiyo;
                           Condroski, Kevin Ronald; Siedem, Christopher Stephen;
                           Boyd, Steven Armen
PATENT ASSIGNEE(S):
                           Takeda Pharmaceutical Company Limited, Japan; et al.
                           PCT Int. Appl., 354 pp.
SOURCE:
                           CODEN: PIXXD2
DOCUMENT TYPE:
                           Patent
                           English
LANGUAGE:
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
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ACCESSION NUMBER: 2005:429393 CAPLUS <<LOGINID::20090305>>
DOCUMENT NUMBER:
                         142:482043
TITLE:
                         Preparation of nitrogen-containing fused heterocyclic
                         compounds like benzimidazoles and benzothiazoles as
                         CRF receptor antagonists
INVENTOR(S):
                         Gyorkos, Albert Charles; Corrette,
                         Christopher Peter; Cho, Suk Young;
                         Turner, Timothy Mark; Pratt, Scott
                         Alan; Aso, Kazuyoshi; Kori,
                         Masakuni; Gyoten, Michiyo
                         Takeda Pharmaceutical Company Limited, Japan
PATENT ASSIGNEE(S):
                         PCT Int. Appl., 273 pp.
SOURCE:
                         CODEN: PIXXD2
DOCUMENT TYPE:
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LANGUAGE:
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FAMILY ACC. NUM. COUNT: 1
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PRIORITY APPLN. INFO.:
OTHER SOURCE(S): CASREACT 142:482043; MARPAT 142:482043
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REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FULL ESTIMATED COST 100.63 100.85

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